DOCUMENT RESUME

ED 146 353 CE 012 611

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TITLE Housing and Home Furnishings Resource Unit. Landscaping the Homegrounds.
INSTITUTION Clemson Univ., S.C. Vocational Education Media Center.; South Carolina State Dept. of Education, Columbia. Home Economics Education Section.
PUB DATE 76
NOTE 31p.; For a related document see ED 090 401
AVAILABLE FROM Clemson University, Vocational Education Media Center, 10 Tillman Hall, Clemson, South Carolina 29631 ($1.00)

EDRS PRICE MF-$0.83 Plus Postage. HC Not Available from EDRS.
DESCRIPTORS *Behavioral Objectives; Curriculum Guides; Family Environment; Home Economics; Home Furnishings; *Landscaping; *Learning Activities; Ornamental Horticulture; Resource Units; Secondary Education; Unit Plan
IDENTIFIERS South Carolina

ABSTRACT

This resource unit, a supplement to the housing and home furnishings curriculum guide (see related note), was designed to help secondary education home economics teachers plan student learning experiences pertaining to the landscaping of a family's home grounds. The unit contains one page for each of nine principle topics, with each topic including a corresponding overall objective, behavioral objective, learning and/or evaluation experience(s) for students, and teaching resource(s), e.g., people, field trips, books, periodicals, pamphlets, and audio-visual materials. The nine topics covered are (1) landscaping, (2) landscaping needs, (3) drawing materials, (4) design principles, (5) relating elements of design to the landscape plan, (6) landscaping accessories, (7) plants adaptable to South Carolina, (8) lawn grasses, and (9) maintenance. A list of the teaching resources concludes this unit. (EM)

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# Housing and Home Furnishings Resource Unit

## Landscaping the Homegrounds

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State Department of Education
Office of Vocational Education
Home Economics Education Section
Columbia, South Carolina 29201

In Cooperation With:

Vocational Education Media Center
Clemson University
Clemson, South Carolina 29631

1976

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Housing and Home Furnishings Resource Unit

# Landscaping the Homegrounds

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# Introduction

## Housing and Home Furnishings Resource Unit

## Landscaping the Homegrounds

Additional leisure time, higher income, a greater appreciation and desire for beauty, awareness of the need for improved ecology conditions have provided increased interest in good and total landscaping of the homegrounds.

This unit was prepared to supplement the Housing and Home Furnishings Curriculum Guide. The unit was planned to offer learning experiences in evaluating the needs; becoming familiar with basic design that meets the needs of the family; selecting trees, plants, groundcovers, grasses suitable to the situation; and using accessories and general maintenance required for landscaping the homegrounds.

Housing and Home Furnishings Resource Unit

Landscaping the Homegrounds

Conceptual Framework

I. Landscaping helps family members
   A. Activities
   B. Comfort
   C. Beauty
   D. Ecology
   E. Property values

II. Determining needs
   A. Existing conditions
   B. Family needs
   C. Time

III. Identifying necessary drawing material
   A. Proportion
   B. Balance
   C. Unity and continuity
   D. Emphasis
   E. Scale
   F. Rhythm

V. Using element of design
   A. Form
   B. Space
   C. Line
   D. Mass
   E. Color

VI. Using accessories for the grounds
- A. Driveways
- B. Walkways
- C. Deck
- D. Patio
- E. Game area
- F. Swimming pools and bath houses
- G. Fountains and ponds
- H. Garden seats
- I. Food garden
- J. Cut flower garden
- K. Gazebo
- L. Sculpture
- M. Fence

VII. Identifying and selecting plants
- A. Growth habit
  1. Shade trees
  2. Dwarf shrubs
  3. Shrubs 4-6'
  4. Shrubs over 6'
  5. Groundcovers
  6. Flowering trees
- B. Uses

VIII. Selecting lawn grasses
- A. Type
- B. Establishment
- C. Maintenance

IX. Maintaining the grounds
- A. Mulching
- B. Watering
- C. Fertilizing
- D. Pruning
- E. Controlling pest

**CONCEPTS:** Landscaping

**OVERALL OBJECTIVES:** Demonstrate ability to evaluate the need for landscaping.

| BEHAVIORAL OBJECTIVES | LEARNING AND EVALUATION EXPERIENCES | TEACHING RESOURCES |
|---|---|---|
| List five reasons for landscaping. | Listen to a landscape designer discuss the importance of landscaping. | Resource Person<br><br>Booklet-Clemson University Extension Service, Landscape Planning for South Carolina Homes, Cir. 526.<br><br>Booklet-Ortho Lawn & Garden Book.<br><br>Bush Brown, America's Garden Book. |
| | Work in groups to research and present a class report on one of the five reasons for landscaping (1) help family members with activities (2) comfort (3) beauty (4) ecology (5) property values. | Sunset Book, Landscaping for Modern Living; Lawns & Ground Covers; Entryways & Front Gardens. |
| | Evaluate own home grounds using the above criteria or select one house or yard situation. | Family willing to have their home grounds as laboratory.<br><br>Southern Living, June, 1975, pp. 72-73. |

**CONCEPTS:** Landscape Questionnaire

**OVERALL OBJECTIVES:** Demonstrate ability to evaluate existing conditions, family needs, and time available in determining landscaping needs.

| BEHAVIORAL OBJECTIVES | LEARNING AND EVALUATION EXPERIENCES | TEACHING RESOURCES |
|---|---|---|
| Identify landscaping needs. | Interview local nurserymen and landscape designers. Ask for sample questionnaire that they might use to determine needs of clients.<br><br>Use sample questionnaire and class discussion of family needs, interest, and time; develop a questionnaire to use in determining the type of landscaping needed. | Resource Person |

**CONCEPTS:** Drawing Materials

**OVERALL OBJECTIVES:** Demonstrate ability to identify drawing materials and interpret landscape plans.

| BEHAVIORAL OBJECTIVES | LEARNING AND EVALUATION EXPERIENCES | TEACHING RESOURCES |
|---|---|---|
| List drawing materials needed in developing a landscape plan. | View a demonstration of drawing materials needed for drawing a simple landscape plan.<br><br>Secure from your local landscape contractor or landscape architect a set of plans.<br><br>Discuss the advantages of developing the home grounds from a landscape plan. | Sunset Book, Planning and Landscaping Hillside Homes. |

**CONCEPTS:** Design Principles

**OVERALL OBJECTIVES:** Demonstrate comprehension of design principles.

| BEHAVIORAL OBJECTIVES | LEARNING AND EVALUATION EXPERIENCES | TEACHING RESOURCES |
|---|---|---|
| Identify and analyze six design principles. | Research design principles: proportion, balance, unity and continuity, emphasis, scale, rhythm. | Bush Brown, America's Garden Book. |
| | Collect pictures of landscaping that illustrate design principles. Share with class. | Bush Brown, America's Garden Book.<br>Ruth F. Sherwood, Homes Today and Tomorrow.<br>Sunset Book, Landscaping Book. |

**CONCEPTS:** Relating Elements of Design to Landscape Plan.

**OVERALL OBJECTIVES:** Demonstrate ability to apply elements of design to landscaping.

| BEHAVIORAL OBJECTIVES | LEARNING AND EVALUATION EXPERIENCES | TEACHING RESOURCES |
|---|---|---|
| Relate elements of design to a specific landscape plan. | Listen to landscape architect relate design principles as they fit a landscape plan.<br><br>Tour home grounds that exemplify design principles. Summarize observations.<br><br>View pictures or transparencies of executed landscape plan for form, space, line, mass, color. | Resource Person<br><br>Bush Brown, America's Garden Book.<br><br>Transparencies, Clemson University, Landscape Planning for South Carolina Homes.<br><br>PSU Landscape Design, a student Handbook Landscape.<br><br>Ruth E. Sherwood, Homes Today and Tomorrow. |

**CONCEPTS:** Landscaping Accessories

**OVERALL OBJECTIVES:** Demonstrate ability to research and present examples of accessories to landscaping.

| BEHAVIORAL OBJECTIVES | LEARNING AND EVALUATION EXPERIENCES | TEACHING RESOURCES |
|---|---|---|
| Determine accessories that may be used in the landscape plan. | Select a research project and report on a particular accessory that may be used in the landscape plan:<br>a. driveways<br>b. walkways<br>c. deck<br>d. patio<br>e. game area<br>f. swimming pools and bath houses<br>g. fountains and ponds<br>h. garden seats<br>i. food garden<br>j. cut flower garden<br>k. gazebo<br>l. sculpture<br>m. fence | Lane: Garden Pools, Fountains, Waterfalls.<br><br>Sunset, Entryways and Front Gardens; How to Build Fences and Gates; Landscaping for Modern Living; Planning and Landscaping Hillside Home; How to Build Walks, Walls & Patio Floors; Garden Color; How to Grow and Use Annuals; Garden Art & Decorating; Ideas for Japanese Gardens; Garden & Patio Building Book; How to Build Decks for Outdoor Living.<br><br>Bush Brown, America's Garden Book.<br><br>Booklet, Ortho Lawn and Garden Book.<br><br>Progressive Farmer/Southern Living, "Vegetable Gardening".<br><br>The Marshall Cavendish Illustrated, Encyclopedia of Gardening.<br><br>Time Life, "Perennials".<br>Southern Living, Aug. 1975, pp. 72-73. |

**CONCEPTS:** Plants Adaptable to South Carolina

**OVERALL OBJECTIVES:** Demonstrate ability to identify plants.

| BEHAVIORAL OBJECTIVES | LEARNING AND EVALUATION EXPERIENCES | TEACHING RESOURCES |
|---|---|---|
| Identify a selected group of plants adaptable to South Carolina. | Listen to a representative of a local forestry service discuss native trees that may be used in the landscape plan.<br><br>Read references and identify 6 of each of the following that are adaptable to SC.<br>a. Shade Trees<br>b. Dwarf Shrubs<br>c. Shrubs 4-6'<br>d. Shrubs over 6'<br>e. Groundcovers<br>f. Flowering trees<br><br>Collect and assemble booklet illustrating trees, shrubs, groundcovers adaptable to SC.<br><br>Identify all trees and shrubs on school grounds. Report to class. | Resource Person<br><br>Time Life,"Evergreens".<br><br>Clemson, SC, Horticultural Plants of Importance to Landscape Plans (125 Color Slides).<br><br>Booklet, Let Your Home Come Alive. SC Nurserymen Assoc.<br><br>Commonly Used Trees, Shrubs, Groundcovers and Vines, (52 slides).<br><br>Alfred Carl Hottes, The Book of Trees.<br><br>Sunset Book, Lawns and Ground Covers.<br><br>Daniel J. Foley, Ground Covers For Easier Gardening.<br><br>Halfacre and Showcroft, Carolina Landscape Plants. |

**CONCEPTS:** Lawn Grasses

**OVERALL OBJECTIVES:** Demonstrate ability to identify lawn grasses.

| BEHAVIORAL OBJECTIVES | LEARNING AND EVALUATION EXPERIENCES | TEACHING RESOURCES |
|---|---|---|
| Develop a chart on lawn grasses. | Listen to agriculture teacher discuss specific instructions for establishing lawn grasses that are adaptable to the community. | Resource Person |
| | Research maintenance requirements for lawn grasses of SC. Summarize findings. | Sunset Book, Lawns & Ground Covers. |
| | Work in committees to formulate a chart that identifies lawn grasses, method of establishment, fertilization, and maintenance requirements. | Bush Brown, America's Garden Book.<br>Booklet, Ortho Lawn & Garden Book.<br>Ornamental Horticulture, SC Dept. of Education, 1975. |
| | Make a field trip to observe different types of lawn grasses. | Field trip |

**CONCEPTS:** Maintenance

**OVERALL OBJECTIVES:** Identify materials and tools used in maintenance.

| BEHAVIORAL OBJECTIVES | LEARNING AND EVALUATION EXPERIENCES | TEACHING RESOURCES |
|---|---|---|
| Determine material and equipment used for maintenance. | Research one item used in maintenance. Show picture and explain uses of item to class. | Booklet, Ortho Lawn & Garden Book.<br>Garden Centers<br>Hardware Store |
| | Listen to landscape maintenance person explain the use of chemicals to maintain healthy trees, shrubs and grasses. Pruning demonstration. | Resource Person |
| | View samples of many types of fertilizers. Explain use and cost. | Local Nurseryman<br>Garden Center<br>Feed and Seed Store |
| | View samples of mulches and summarize use and cost of each. | |
| | Listen to resource person discuss pest identification and control. | Bush Brown, America's Garden Book.<br>Resource Person<br>Booklet, Ortho Lawn & Garden Book. |

Landscaping

Landscaping the Homegrounds

Books:


Bush Brown, James; and Bush Brown, Louise. America's Garden Book. New York & London: Charles Scribner's Sons.

The Marshall Cavandish Illustrated. Encyclopedia of Gardening. New York: Marshall Cavandish Corp.

Crockett, James Underwood. "Perennials." New York: The Time Life Encylopedia of Gardening, Time Life Books.

Foley, Daniel J. Ground Covers for Easier Gardening. Philadelphia & New York: Chilton Company, Book Div.

Gordon, Halfacre R.; and Showcroft, Anne R. Carolina Landscape Plants. Raleigh, NC: Sparks Press.

Hottes, Alfred Carl. The Book of Trees. New York: Dodd, Mead & Company, 1952.

Sherwood, Ruth F. Homes Today and Tommorrow. Peoria, Ill.: Chas. A. Bennett Co., Inc.

Southern Living Books, Vegetable Gardening. Editors of the Progressive Farmer & Southern Living Magazine.

State Dept. of Education. Ornamental Horticulture Guide. 1975.

Sunset Editorial Staff. Entryways and Front Gardens.

How to Build Fences and Gates.

Landscaping for Modern Living.

Landscaping Book.

Books: Continued

Sunset Editorial Staff. Planning and Landscaping Hillside Home.

How to Build Walks, Walls & Patio Floors.

Garden Color.

How to Grow and Use Annuals.

Garden Art & Decorating.

Ideas for Japanese Gardens.

Garden & Patio Building Book.

How to Build Decks for Outdoor Living.

Lawn and Groundcovers. Menlo Park, Calif: Lane Book Co.

Bulletins and Pamphlets:

South Carolina Nurserymens Association, Let Your Home Come Alive, (available only thru your local nurseryman belonging to SC Nurserymen Association).

Ortho Lawn & Garden Book.

Clemson University Extension Service, Landscape Planning for SC Homes, Circular 526.

Insect and Disease Identification Sheets, CE Sheets 1-28.

Films:

The Pennsylvania State University, Dept. of Agricultural Education, University Park, Pa. 16802.

Commonly Used Trees, Shrubs, Groundcovers and Vines (52 Color Slides).

The Vocational Education Media Center, 10 Tillman Hall, Clemson University, Clemson, SC 29631.

Horticultural Plants of Importance to Landscape Plans (125 Color Slides).

Periodicals:

Garden Pools, Fountains and Waterfalls. Lane Magazine & Book Co., Menlo Park, Calif.